

Claims

1. A method for aggregating and monitoring locally stored multimedia data, where a data store (31) is used
5 to store one or more logically combinable search terms (310, 311, 312, 313), an arithmetic and logic unit (10) uses a network (50) to access network nodes (40, 41, 42, 43) connected to source databases (401, 411, 421, 431), and data in the source databases (401, 411, 421, 431) are selected on the basis of the search terms (310, 311, 312, 313), characterized
10 in that a data store (32) is used to store at least one rating parameter (320, 321, 322) in association with a search term (310, 311, 312, 313) and/or with a logic
15 combination of search terms (310, 311, 312, 313),
in that the data store (32) is used to store at least one of the source databases (401, 411, 421, 431) in association with a search term (310, 311, 312, 313) and/or with a logic combination of search terms (310,
20 311, 312, 313),
in that a filter module (30) in the arithmetic and logic unit (10) is used to access the source databases (401, 411, 421, 431) at the network nodes (40, 41, 42, 43), and a rating list (330, 331, 332) containing data
25 records which have been found is produced for each rating parameter (320, 321, 322) in conjunction with the associated search terms (310, 311, 312, 313) and the associated source databases (401, 411, 421, 431) and/or a time-based rating for the documents, and
30 in that a parameterization module (20) is used to generate, at least to some extent dynamically, a variable mood quantity (21) on the basis of the rating list (330, 331, 332) for the respective rating parameter (320, 321, 322), which variable mood quantity
35 (21) corresponds to time-based mood fluctuations in users of the network (50).

2. The method as claimed in claim 1, characterized in that the rating list (330, 331, 332) containing the data records found and/or references to data records which have been found is stored in a content module
5 (60) in the arithmetic and logic unit (10) so as to be accessible to a user.

3. The method as claimed in either of claims 1 and 2, characterized in that the mood quantities (21) are
10 periodically checked using the arithmetic and logic unit (10), and if at least one of the mood quantities (21) is situated outside of a definable fluctuation tolerance or a determinable expected value then the relevant rating list (330, 331, 332) containing the
15 data records found and/or references to data records which have been found is stored and/or updated in the content module (60) in the arithmetic and logic unit (10) so as to be accessible to a user.

20 4. The method as claimed in one of claims 1 to 3, characterized in that one or more of the rating parameters (320, 321, 322) are generated using a lexicographical rating database.

25 5. The method as claimed in one of claims 1 to 4, characterized in that one or more of the rating parameters (320, 321, 322) are generated dynamically using the arithmetic and logic unit (10) while the rating list (330, 331, 332) is being produced.

30 6. The method as claimed in one of claims 1 to 5, characterized in that the variable mood quantities (21) and/or the data in the content module (60) are generated using HTML and/or HDML and/or WML and/or VRML
35 and/or ASD.

7. The method as claimed in one of claims 1 to 6, characterized in that a user profile is created using

user information, with a repackaging module (61) being used, taking into account the data in the user profile, to produce data optimized for specific users on the basis of the data records found and/or references to data records which have been found which are stored in the content module (60), said data optimized for specific users being made available to the user (12) in a form stored in the content module (60) in the arithmetic and logic unit (10).

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8. The method as claimed in claim 7, characterized in that various user profiles for different communication apparatuses (111, 112, 113) of the user (12) are stored in association with the user (12).

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9. The method as claimed in either of claims 7 and 8, characterized in that data relating to the user behavior are automatically captured by the arithmetic and logic unit (10) and are stored in association with the user profile.

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10. The method as claimed in either of claims 1 and 9, characterized in that a history module (22) is used to store the values for each calculated variable mood quantity (21) up to a definable time in the past.

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11. The method as claimed in claim 10, characterized in that the arithmetic and logic unit (10) uses an extrapolation module (23) to calculate expected values for a determinable mood quantity (21) on the basis of the data in the history module (22) for a determinable time in the future and stores them in a data store in the arithmetic and logic unit (10).

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12. A system for aggregating and monitoring locally stored multimedia data which comprises an arithmetic and logic unit (10), a data store (31) for storing one or more logically combinable search terms (310, 311,

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312, 313) and also network nodes (40, 41, 42, 43) connected to source databases (401, 411, 421, 431), the source databases (401, 411, 421, 431) being connected bidirectionally to the arithmetic and logic unit (10) via the network (50), characterized in that the arithmetic and logic unit (10) comprises a data store (32) for storing at least one rating parameter (320, 321, 322), the rating parameter (320, 321, 322) being able to be associated with a search term (310, 311, 312, 313) and/or with a logic combination of search terms (310, 311, 312, 313), in that the arithmetic and logic unit (10) comprises a filter module (30) for producing a rating list (330, 331, 332) containing data records which have been found in the source databases (401, 411, 421, 431) at the network nodes (40, 41, 42, 43), and in that the arithmetic and logic unit (10) comprises a parameterization module (20) for generating, at least to some extent dynamically, a variable mood quantity (21) on the basis of the rating list (330, 331, 332) for the respective rating parameter (320, 321, 322), which variable mood quantity (21) corresponds to positive and/or negative mood fluctuations in users of the network (50).

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13. The method as claimed in claim 12, characterized in that the arithmetic and logic unit (10) comprises a lexicographical rating database for generating one or more of the rating parameters (320, 321, 322).

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14. The method as claimed in either of claims 12 and 13, characterized in that the arithmetic and logic unit comprises a module for dynamically generating one or more of the rating parameters (320, 321, 322) while the rating list (330, 331, 332) is being produced.

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15. The system as claimed in one of claims 12 to 14, characterized in that the rating list (330, 331, 332)

containing the data records found and/or references to data records which have been found is stored in a content module (60) in the arithmetic and logic unit (10) so as to be accessible to a user.

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16. The system as claimed in claim 15, characterized in that the arithmetic and logic unit (10) can be used for periodically checking the mood quantities (21), and if at least one of the mood quantities (21) is situated
10 outside of a definable fluctuation tolerance or a determinable expected value then the relevant rating list (330, 331, 332) containing the data records found and/or references to data records which have been found can be updated in the content module (60) in the
15 arithmetic and logic unit (10).

17. The system as claimed in one of claims 12 to 16, characterized in that the arithmetic and logic unit (10) comprises a module for generating the variable
20 mood quantities (21) and/or the data in the content module (60) using HTML and/or HDML and/or WML and/or VRML and/or ASD.

18. The system as claimed in one of claims 12 to 17,
25 characterized in that the arithmetic and logic unit (10) comprises a user profile containing user information for each user (12), the data records found and/or references to the data records found which are stored in the content module (60) being able to be
30 produced using a repackaging module (61), taking into account the data in the user profile, data optimized for specific users.

19. The system as claimed in claim 18, characterized
35 in that various user profiles for different communication apparatuses (111, 112, 113) of the user (12) are stored in association with the user (12).

20. The system as claimed in either of claims 18 and 19, characterized in that data relating to the user behavior are automatically captured by the arithmetic and logic unit (10) and can be stored in association
5 with the user profile.

21. The system as claimed in either of claims 12 and 20, characterized in that the arithmetic and logic unit (10) comprises a history module (22) which comprises
10 the values for each calculated variable mood quantity (21) up to a definable time in the past and on which the variable mood quantities (21) can be accessed using the communication apparatuses (111, 112, 113).

15 22. The system as claimed in claim 21, characterized in that the arithmetic and logic unit (10) comprises an extrapolation module (23) which can be used to calculate expected values for a time in the future which can be determined by the user (12).

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23. A computer program product which comprises a computer-readable medium containing computer program code means for controlling one or more processors in a computer-based system for aggregating and monitoring
25 locally stored multimedia data, where the computer program product is used to store one or more logically combinable search terms (310, 311, 312, 313) in a data store (31), an arithmetic and logic unit (10) uses a network (50) to access network nodes (40, 41, 42, 43)
30 connected to source databases (401, 411, 421, 431), and data in the source databases (401, 411, 421, 431) are selected on the basis of the search terms (310, 311, 312, 313), characterized
in that a data store (32) is used to store at least one
35 rating parameter (320, 321, 322) in association with a search term (310, 311, 312, 313) and/or with a logic combination of search terms (310, 311, 312, 313),

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in that a filter module (30) in the arithmetic and logic unit (10) is used to access the source databases (401, 411, 421, 431) at the network nodes (40, 41, 42, 43), and a rating list (330, 331, 332) containing data records which have been found is produced for each rating parameter (320, 321, 322) in conjunction with the associated search terms (310, 311, 312, 313), and in that a parameterization module (20) is used to generate, at least to some extent dynamically, a variable mood quantity (21) on the basis of the rating list (330, 331, 332) for the respective rating parameter (320, 321, 322), which variable mood quantity (21) corresponds to positive and/or negative mood fluctuations in users of the network (50).

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24. A computer program product which can be loaded into the internal memory of a digital computer and comprises software code sections which can be used to carry out the steps in line with one of claims 1 to 11 when the product is running on a computer.

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